



February 10th, 2006
(Via certified or express mail)

Mr. Kevin Turner-Environmental Scientist, OSC
U. S. Environmental Protection Agency
c/o Crab Orchard National Wildlife Refuge
8588 Rt. 148
Marion, IL 62959

Mr. Thomas Martin, Esq.
Associate Regional Counsel
77 West Jackson Boulevard (C-14J)
Chicago, IL 60604-3590

**Re: Sauget Sites Area I - May 31, 2000 Unilateral Administrative Order (UAO)
Sediment / Soils Removal Action
Monthly Report; January 1 – January 31, 2006 Reporting Period**

Dear Mr. Turner and Mr. Martin,

Enclosed is the Monthly Report for the Sauget Sites Area I May 31, 2000 Unilateral Administrative Order ("UAO") Sediment Removal Action. This submittal is in fulfillment of the monthly reporting requirements of the UAO, Section V, and paragraph 3.4. Reporting and covers the period from January 1 to January 31, 2006.

Sincerely,

A handwritten signature in black ink, appearing to read "Steven D. Smith". The signature is fluid and cursive, with a large, sweeping "S" at the beginning.

Steven D. Smith
Project Coordinator

cc: Nabil Fayoumi – USEPA Region 5
Sandra Bron - IEPA
Mike Coffey - USFW
Richard Williams - Solutia
Cathleen Bumb - Solutia
Mayor Frank Bergman - Cahokia
Village of Sauget – c/o P. H. Weis & Associates (Attn: Brian Nelson)
Mayor R. Sauget - Sauget, IL
L. Glen Kurowski- Monsanto
Linda Tape - Husch & Eppenberger

Sauget Sites Area I - Sauget, Illinois

May 31, 2000 UAO – Dead Creek Sediment Removal Action

Status Report

Date of Report: February 10, 2006
Period Covered: January 1, 2006 – January 31, 2006

Work Performed During the Reporting Period

Groundwater Monitoring

- *Revision 01 of the Draft Groundwater Monitoring Plan - submitted to the Agencies on August 3, 2001. Although it has not received Agency approval, it has been implemented.*

TSCA Containment Cell

- *The Operations and Maintenance Report - submitted for the Agencies' review and approval on August 28, 2001- remains under review. Portions of the Plan applicable to the placement of sediments have been approved.*
- Performed inspections of the site.
- Maintained stormwater and leachate collection controls around the containment cell.
- Monitored support area facilities.
- Fourth quarter 2005 groundwater samples from the monitoring wells around the cell being analyzed..

Dead Creek

A final revised excavation plan for Sectors B, D, and F in Dead Creek, was submitted to the Agency on October 28, 2005. This work plan was approved on November 2, 2005.

An additional Work Plan was submitted on November 15th proposing the excavation of mercury impacted soils in CS – F and the Borrow Pit Lake (BPL) . Revisions were made to the plan in response to EPA comments and the revised plan was verbally approved on December 5th. Written approval was received on December 21st.

The excavation contractor, PSC, began mobilizing to the site on November 7, 2005. By the end of the reporting period, excavation in CS-B, CS-D, and CS-F Transect T-3 had been completed. The analytical results for the confirmation samples for all of the COPCs in CS-B and CS-D had been received and were below the relevant RBCs. As well, the proposed access road to the BPL was constructed and clearing operations commenced in that area. It is estimated that approximately 3,600 cu. yd. of soil were removed from the creek bottom by the end of January. This quantity is based on post excavation surveys in CS-B and CS-D and on an estimated volume from CS-F, T-3. Post excavation surveys will be conducted in the rest of the excavated sections as soon as those sections are complete.

During placement of the excavated material in the containment cell, it became clear that although the excavated soils passed the paint filter test and could be transported without any risk of liquid spillage, they were too soft to maintain the 4 percent slope required on the top of the cell. Moreover, the previously placed sediments excavated in 2001 and 2002 were also still relatively soft. Consequently, the materials in a 70 foot wide ring around the outer edges of the spoil were stabilized with Code L. This stabilized material will provide a buttress to support the subsequent placement of additional excavated spoil in the interior of the cell. Code L was also used to stabilize the materials excavated from CS-F, T-3 in order to ensure that the excavated soils passed the paint filter test.

Excavation of the creek bottom soils is currently about 5 days behind the original project schedule because of bad weather (rain at the end of November and snow and freezing conditions in the early part of December). However, it is anticipated that the project will still be completed on schedule.

Data Submittal

No data are submitted with this report.

Work Scheduled for Next Reporting Period

- Conduct routine inspection of the containment cell.
- Continue operation of the stormwater treatment system.
- Perform necessary operation and maintenance activities on the containment cell and temporary treatment system.
- Complete analyses on the fourth quarter 2005 samples from the monitoring wells around the containment cells.
- Complete creek bottom soil excavation in CS-F and the BPL and complete grading the creek bottom between the end of CS-E at Parks College and the upstream end of CS-C to promote drainage.
- Continue to fund the City of Cahokia's operation of the creek dewatering system.

PROJECT COMPLETION

Mobilization	100 %
Berm Construction	100 %
Liner Installation	100 %
Sediment Removal Preparation	100 %
Sediment Excavation (Site M)	100 %
Sediment Excavation (Original Scope of Work)	100 %
Sediment Excavation (Sector F)	100 %
Temporary Cover installation	100 %
Demobilization - Phase I	100 %
Final Cover Installation	0 %
Demobilization - Phase II	0 %
Final Report Preparation	0 %